

REMARKS

Claims 1-5, 7-10, 12-16, and 18-27 remain in the application for consideration of the Examiner.

Reconsideration and withdrawal of the outstanding objections and rejections are respectfully requested in light of the above amendments and following remarks.

The proposed drawings were approved.

By the instant amendment, a formal drawing correction has been submitted for Figure 1.

Turning now to the art rejections, Claims 1-5, 7-10, 12-16, and 18-27 were rejected under 35 U.S.C. §103 as being obvious over Ebihara in view of Williams.

These rejections are respectfully traversed.

It is respectfully submitted that Ebihara does not disclose or suggest the presently claimed invention including a circuit to terminal the driving current and a circuit to create a magnetic field to oppose eddy currents established in structures adjacent to the coil by the driving current in independent Claim 1, a circuit to determine a BEM voltage after termination of driving current and a circuit to generate a magnetic field to oppose eddy currents established in structures adjacent to the coil by the driving current in independent Claim 7, a circuit to determine the velocity of a head assembly after termination of the driving current and a circuit to create a magnetic field that opposes eddy currents established in structures adjacent to the coil by the driving current in independent Claim 12, albeit defined as the method steps of terminating the driving current and applying a current to the coil of magnitude and direction to cancel eddy currents in structures adjacent to the coil in independent Claim 18, and defined as determining when the driving current has been terminated and as activating selected

VCM coil driver transistors to create a magnetic field to oppose eddy currents established in structures adjacent to the coil by the driving current in independent Claim 23.

The Examiner alleges that Ebihara discloses a circuit to apply a current to the coil to create a magnetic field to oppose eddy currents established in structures adjacent to the coil by the driving current by directing Applicant's attention to column 7, line 14.

Notwithstanding the allegations of the Examiner. Ebihara discloses at column 7, line 14 that the stator mode of NiZn based ferrite prevents the eddy current from flowing. This is when the driving current is applied.

There is no mention in Ebihara that the eddy current is eliminated by a current after the driving current has been terminated.

Consequently, it is not seen how Ebihara discloses the presently claimed invention.

Whether or not Williams discloses BEMF, fly-back current, transistors, or a delay element is of no matter since the result in construction would still in no way disclose or suggest the presently claimed invention.

It is respectfully submitted that the presently claimed invention is patentably distinct over the applied references.

In light of the above, it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant response places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, Applicant petitions for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees, to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,



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